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December 1998

Note: All figures in text are in seasonally adjusted current dollars

Summary

New orders for manufactured goods in December increased \$7.6 billion or 2.3 percent to \$343.5 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 0.4 percent November increase and is the sixth increase in the last seven months. Excluding transportation, new orders increased 2.3 percent, the third increase in the last four months. New orders for 1998 are 2.0 percent above 1997.

Shipments increased \$3.1 billion or 0.9 percent to \$344.5 billion, following a 0.4 percent November increase. This is the sixth increase in the last seven months. Shipments for 1998 are 3.1 percent above 1997.

Unfilled orders, down seven of the last eight months, decreased \$1.0 billion or 0.2 percent to \$518.3 billion, following a 1.0 percent November decrease. The unfilled orders-to-shipments ratio was 2.61, unchanged from November.

Inventories decreased \$4.1 billion or 0.9 percent to \$466.9 billion. This is the second consecutive monthly decline following 10 consecutive monthly increases. The inventories-to-shipments ratio was 1.36, down from 1.38 in November.

New Orders

New orders for manufactured durable goods in December increased \$5.8 billion or 3.1 percent to \$195.0 billion, revised from the previously published 1.9 percent increase. This follows a 0.4 percent November increase and is the sixth increase in the last seven months.

Industrial machinery and equipment, up three of the last four months, had the largest increase, \$2.6 billion or 7.4 percent to \$38.2 billion. This follows a 0.3 percent November increase. Electronic and other electrical equipment, up three of the last four months, increased \$1.1 billion or 3.6 percent to \$33.1 billion. This follows a 4.2 percent November decrease. Transportation equipment, up for the second consecutive month, increased \$0.8 billion or 1.8 percent to \$45.8 billion; all categories increased except aircraft and parts. This follows a 0.3 percent November increase. Primary metals, down three of the last four months, decreased \$0.2 billion or 1.3 percent to \$14.4 billion, following a 9.3 percent November increase.

New orders for nondurable goods, up three of the last four months, increased \$1.8 billion or 1.2 percent to \$148.5 billion. This follows a 0.4 percent November increase. Chemicals and allied products had the largest increase.

Shipments

Shipments of durable goods in December increased \$0.9 billion or 0.5 percent to \$195.8 billion, revised from the previously published 0.4 percent increase. This follows a 0.5 percent November increase and is the seventh consecutive monthly increase. Electronic and other electrical equipment, up six of the last seven months, had the largest increase, \$0.4 billion or 1.3 percent to \$33.1 billion, following a 1.3 percent November increase. Industrial machinery and equipment, up three of the last four months, increased \$0.4 billion or 1.2 percent to \$37.0 billion. This follows a 1.0 percent November decrease. Transportation equipment, down for the first month since July, decreased \$0.6 billion or 1.1 percent to \$47.8 billion. This follows a 0.6 percent November increase.

Shipments of nondurable goods, up for the second consecutive month, increased \$2.1 billion or 1.5 percent to \$148.7 billion, following a 0.2 percent November increase. Chemicals and allied products, up three of the last four months, had the largest increase, \$1.0 billion or 3.0 percent to \$33.5 billion, following a 1.8 percent November increase. Food and kindred products and tobacco products each increased \$0.4 billion.

Unfilled Orders

Unfilled orders for durable goods in December decreased \$0.7 billion or 0.1 percent to \$494.4 billion, revised from the previously published 0.6 percent decrease. This follows a 1.1 percent November decrease and is the seventh decline in the last eight months. Transportation equipment, down seven of the last eight months, had the largest decrease, \$1.9 billion or 0.8 percent to \$243.0 billion. This follows a 1.3 percent November decrease. Industrial machinery and equipment, up for the first month since September, increased \$1.2 billion or 1.6 percent to \$74.3 billion, following a 1.4 percent November decrease.

Inventories

Inventories of durable goods in December decreased \$2.7 billion or 0.9 percent to \$295.3 billion, following a 0.2 percent November decrease. This is the second consecutive decrease. Transportation equipment, down three of the last four months, decreased \$1.1 billion or 1.4 percent to \$75.4 billion, following a 0.7 percent November decrease. Industrial machinery and equipment, down three of the last four months, decreased \$0.5 billion or 0.8 percent to \$60.5 billion. This follows a 0.3 percent November increase. Electronic and other electrical equipment, down three of the last four months, decreased \$0.3 billion or 0.8 percent to \$40.0 billion, following a 0.7 percent November decline.

Inventories of nondurable goods, down for the first month since August, decreased \$1.4 billion or 0.8 percent to \$171.6 billion, following a 0.3 percent November increase. Chemicals and allied products, down for the first month since September, decreased \$0.7 billion or 1.6 percent to \$46.1 billion, following a 1.1 percent November increase.

By stage of fabrication, December finished goods decreased 0.1 percent in durables and 0.5 percent in nondurables. Work in process decreased 1.0 percent in durables and 1.8 percent in nondurables. Materials and supplies decreased 1.5 percent in durables and 0.8 percent in nondurables.

TABLE 1, PART 1: VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS

Industry	-----Seasonally Adjusted ---		
	Monthly		
	(Millions of dollars)		
Dec.	Nov.	Oct.	
1998(p)	1998(r)	1998	
All manufacturing industries	344,496	341,423	340,133
Manufacturing industries with			
unfilled orders	198,822	198,659	197,344
without defense capital goods	337,979	334,469	333,065
Durable goods industries	195,753	194,823	193,818
With unfilled orders	161,766	161,668	160,571
Stone, clay, and glass products	8,308	8,236	8,149
Primary metals	14,275	14,286	14,590
Blast furnaces, steel mills	5,373	5,551	5,729
Iron and steel foundries	1,572	1,515	1,490
Nonferrous and other primary			
metals	7,330	7,220	7,371
Fabricated metal products	20,604	20,415	20,176
Industrial machinery and equipment	37,049	36,623	37,011
Engines and turbines	2,346	2,413	2,391
Farm and garden machinery	1,711	1,678	1,762
Construction, mining and			
material handling equipment	3,983	4,035	4,096
Metalworking machinery	3,729	3,703	3,620
Computer and office equipment	11,053	11,063	11,204
Electronic and other			
electrical equipment	33,070	32,634	32,219
Electrical transmission and			
distribution equipment and			
industrial apparatus	3,806	3,605	3,608
Household appliances	2,245	2,149	2,051
Electric lighting and			
wiring equipment	2,451	2,258	2,250
Household audio and			
video equipment	1,118	1,017	1,007
Communications equipment	7,501	7,533	7,362
Electronic components	13,589	13,681	13,638
Transportation equipment	47,771	48,324	48,017
Motor vehicles and parts	32,168	31,581	31,586
Aircraft, missiles,			
space vehicles, and parts	11,849	13,215	12,797
Shipbuilding and tanks	971	1,283	1,456
Instruments and related products	14,476	14,517	14,040
Search and navigation equipment	3,281	3,296	3,182
Measuring and controlling devices . . .	3,919	4,230	3,927
Medical instruments and supplies . . .	4,890	4,554	4,521
Photographic goods	1,890	1,956	1,952
All other durable goods	20,200	19,788	19,616
Nondurable goods industries	148,743	146,600	146,315
With unfilled orders	37,056	36,991	36,773

Food and kindred products.	41,788	41,387	41,351
Meat products	8,629	8,691	8,692
Dairy products.	7,009	6,755	6,466
Beverages	6,144	6,028	6,138
All other foods, except fats and oils	17,840	17,784	17,968
Tobacco products	3,760	3,398	3,466
Textile mill products.	6,538	6,498	6,551
Broadwoven fabrics and other textiles.	3,817	3,852	3,899
Paper and allied products.	13,559	13,489	13,421
Pulp, paper, and paperboard mill products.	4,972	5,051	5,113
Paperboard containers and boxes . . .	3,542	3,504	3,434
Miscellaneous converted paper products.	5,045	4,934	4,874
Chemicals and allied products.	33,522	32,533	31,960
Industrial chemicals.	14,783	14,439	14,585
Drugs, soaps, and toiletries.	14,756	14,309	13,546
Petroleum and coal products.	11,095	11,043	11,500
Rubber and plastics products	13,384	13,209	13,249
All other nondurable goods	25,097	25,043	24,817

TABLE 1, PART 2: VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS

Industry	-----Percent Change -----		
	Nov.- Dec. (p)	Oct. Nov. (r)	Sept.- Oct.
All manufacturing industries.	+0.9	+0.4	-0.1
Manufacturing industries with unfilled orders	+0.1	+0.7	+0.5
without defense capital goods	+1.0	+0.4	-0.2
Durable goods industries	+0.5	+0.5	+0.5
With unfilled orders	+0.1	+0.7	+0.7
Stone, clay, and glass products.	+0.9	+1.1	+0.9
Primary metals	-0.1	-2.1	-2.4
Blast furnaces, steel mills	-3.2	-3.1	-3.0
Iron and steel foundries.	+3.8	+1.7	-1.1
Nonferrous and other primary metals.	+1.5	-2.0	-2.2
Fabricated metal products.	+0.9	+1.2	-0.3
Industrial machinery and equipment . . .	+1.2	-1.0	+0.6
Engines and turbines.	-2.8	+0.9	+8.3
Farm and garden machinery	+2.0	-4.8	-6.8
Construction, mining and material handling equipment.	-1.3	-1.5	-3.8
Metalworking machinery.	+0.7	+2.3	+3.0
Computer and office equipment	-0.1	-1.3	+3.1
Electronic and other electrical equipment	+1.3	+1.3	-0.6
Electrical transmission and distribution equipment and			

industrial apparatus	+5.6	-0.1	-8.0
Household appliances.	+4.5	+4.8	-2.4
Electric lighting and wiring equipment.	+8.5	+0.4	-1.4
Household audio and video equipment.	+9.9	+1.0	+3.4
Communications equipment.	-0.4	+2.3	-3.5
Electronic components	-0.7	+0.3	+2.7
Transportation equipment	-1.1	+0.6	+3.1
Motor vehicles and parts	+1.9	0.0	+1.7
Aircraft, missiles, space vehicles, and parts.	-10.3	+3.3	+7.3
Shipbuilding and tanks	-24.3	-11.9	+35.7
Instruments and related products	-0.3	+3.4	-1.8
Search and navigation equipment . . .	-0.5	+3.6	+4.6
Measuring and controlling devices . .	-7.4	+7.7	-2.2
Medical instruments and supplies. . .	+7.4	+0.7	-3.1
Photographic goods.	-3.4	+0.2	-7.8
All other durable goods.	+2.1	+0.9	+0.6
 Nondurable goods industries.	+1.5	+0.2	-0.9
With unfilled orders.	+0.2	+0.6	-0.3
Food and kindred products.	+1.0	+0.1	+0.2
Meat products	-0.7	0.0	-1.1
Dairy products.	+3.8	+4.5	-1.7
Beverages	+1.9	-1.8	-1.1
All other foods, except fats and oils	+0.3	-1.0	+1.6
Tobacco products	+10.7	-2.0	-1.6
Textile mill products.	+0.6	-0.8	+0.9
Broadwoven fabrics and other textiles.	-0.9	-1.2	-0.7
Paper and allied products.	+0.5	+0.5	-0.7
Pulp, paper, and paperboard mill products.	-1.6	-1.2	0.0
Paperboard containers and boxes . . .	+1.1	+2.0	-0.8
Miscellaneous converted paper products.	+2.2	+1.2	-1.4
Chemicals and allied products.	+3.0	+1.8	-2.0
Industrial chemicals.	+2.4	-1.0	-0.6
Drugs, soaps, and toiletries.	+3.1	+5.6	-4.7
Petroleum and coal products.	+0.5	-4.0	-3.2
Rubber and plastics products	+1.3	-0.3	-0.2
All other nondurable goods	+0.2	+0.9	-0.9

TABLE 1, PART 3: VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS

Industry	---Not Seasonally Adjusted(1) ---			
	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998	Dec. 1997
All manufacturing industries.	342,652	341,167	350,525	332,383

Manufacturing industries with unfilled orders	204,583	199,576	200,633	195,930
without defense capital goods	335,108	334,015	343,522	325,283
Durable goods industries	198,358	194,672	199,125	187,147
With unfilled orders	168,018	161,677	162,408	158,298
Stone, clay, and glass products.	7,355	8,044	8,757	6,694
Primary metals	13,038	13,914	14,935	14,414
Blast furnaces, steel mills	4,905	5,319	5,851	5,987
Iron and steel foundries.	1,319	1,473	1,603	1,259
Nonferrous and other primary metals.	6,814	7,122	7,481	7,168
Fabricated metal products.	19,177	20,227	21,391	17,878
Industrial machinery and equipment . . .	40,266	34,464	35,476	38,637
Engines and turbines.	2,924	2,359	2,250	2,580
Farm and garden machinery	1,254	1,237	1,624	1,511
Construction, mining and material handling equipment.	3,806	3,765	4,044	3,918
Metalworking machinery.	3,958	4,146	3,882	3,616
Computer and office equipment	14,663	10,170	9,633	13,131
Electronic and other electrical equipment	37,060	33,995	32,427	33,869
Electrical transmission and distribution equipment and industrial apparatus	3,795	3,467	3,522	3,461
Household appliances.	2,210	2,084	2,067	2,052
Electric lighting and wiring equipment.	2,627	2,352	2,225	2,372
Household audio and video equipment.	1,123	1,270	1,340	1,085
Communications equipment.	10,641	7,630	6,995	9,566
Electronic components	14,332	14,217	13,649	13,239
Transportation equipment	46,512	49,747	51,680	42,401
Motor vehicles and parts	28,319	32,539	35,596	26,010
Aircraft, missiles, space vehicles, and parts.	14,461	13,657	12,335	13,436
Shipbuilding and tanks	1,167	1,322	1,475	1,038
Instruments and related products	15,535	14,516	13,698	15,018
Search and navigation equipment . . .	3,525	3,286	3,074	2,977
Measuring and controlling devices . .	4,146	4,253	3,838	4,490
Medical instruments and supplies. .	5,449	4,406	4,309	4,951
Photographic goods.	1,920	2,096	2,032	2,155
All other durable goods.	19,415	19,765	20,761	18,236
Nondurable goods industries.	144,294	146,495	151,400	145,236
With unfilled orders.	36,565	37,899	38,225	37,632
Food and kindred products.	41,246	42,172	42,783	39,633
Meat products	8,439	8,802	8,773	8,486
Dairy products.	6,935	6,909	6,339	5,233
Beverages	5,758	5,724	6,114	5,717
All other foods, except fats and oils	17,948	18,608	19,470	17,844
Tobacco products	3,912	3,346	3,659	3,147
Textile mill products.	5,943	6,533	6,836	6,370
Broadwoven fabrics and other textiles.	3,592	3,741	3,948	4,036
Paper and allied products.	13,189	13,265	13,735	13,927
Pulp, paper, and				

paperboard mill products.	4,915	5,026	5,235	5,583
Paperboard containers and boxes . . .	3,298	3,430	3,545	3,578
Miscellaneous converted				
paper products.	4,976	4,809	4,955	4,766
Chemicals and allied products.	33,277	31,044	31,536	32,280
Industrial chemicals.	14,148	13,884	14,397	15,280
Drugs, soaps, and toiletries.	15,843	14,146	13,850	13,848
Petroleum and coal products.	10,705	11,080	12,267	13,598
Rubber and plastics products	11,952	12,688	13,796	12,074
All other nondurable goods	24,070	26,367	26,788	24,207

TABLE 1, PART 4: VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS

Industry	---Not Seasonally Adjusted(1) ---		
	Year to date		
	(Millions of dollars)		
Dec.	98/97	1998(p)	1997
All manufacturing industries.	+3.1	4,052,605	3,929,419
Manufacturing industries with			
unfilled orders	+4.4	2,334,704	2,215,486
without defense capital goods	+3.0	3,972,975	3,854,225
Durable goods industries	+6.0	2,276,065	2,158,699
With unfilled orders	+6.1	1,885,325	1,776,744
Stone, clay, and glass products.	+9.9	96,146	90,221
Primary metals	-9.5	181,014	188,916
Blast furnaces, steel mills	-18.1	72,772	77,023
Iron and steel foundries.	+4.8	18,091	16,819
Nonferrous and other primary			
metals.	-4.9	90,151	95,074
Fabricated metal products.	+7.3	239,692	226,120
Industrial machinery and equipment . . .	+4.2	442,419	408,860
Engines and turbines.	+13.3	27,186	24,127
Farm and garden machinery	-17.0	23,776	22,928
Construction, mining and			
material handling equipment.	-2.9	50,395	45,765
Metalworking machinery.	+9.5	42,310	41,260
Computer and office equipment	+11.7	129,868	111,334
Electronic and other			
electrical equipment	+9.4	376,068	351,554
Electrical transmission and			
distribution equipment and			
industrial apparatus	+9.7	44,139	41,344
Household appliances.	+7.7	25,190	23,442
Electric lighting and			
wiring equipment.	+10.8	27,094	26,221
Household audio and			
video equipment.	+3.5	12,386	12,030
Communications equipment.	+11.2	86,131	77,368
Electronic components	+8.3	154,518	143,750
Transportation equipment	+9.7	536,748	502,301

Motor vehicles and parts	+8.9	359,550	346,606
Aircraft, missiles,			
space vehicles, and parts.	+7.6	137,999	121,393
Shipbuilding and tanks	+12.4	12,366	10,669
Instruments and related products	+3.4	169,064	162,981
Search and navigation equipment . . .	+18.4	37,023	33,238
Measuring and controlling devices . . .	-7.7	48,676	50,204
Medical instruments and supplies. . . .	+10.1	54,336	50,935
Photographic goods.	-10.9	23,493	23,520
All other durable goods.	+6.5	234,914	227,746
 Nondurable goods industries.	-0.6	1,776,540	1,770,720
With unfilled orders.	-2.8	449,379	438,742
Food and kindred products.	+4.1	490,659	470,447
Meat products	-0.6	104,420	102,930
Dairy products.	+32.5	75,115	59,452
Beverages	+0.7	73,101	70,768
All other foods, except fats and oils	+0.6	213,061	212,856
Tobacco products	+24.3	41,625	38,693
Textile mill products.	-6.7	80,742	83,871
Broadwoven fabrics and other textiles.	-11.0	48,568	51,107
Paper and allied products.	-5.3	165,331	161,992
Pulp, paper, and paperboard mill products.	-12.0	63,599	64,761
Paperboard containers and boxes . . .	-7.8	42,837	40,704
Miscellaneous converted paper products.	+4.4	58,895	56,527
Chemicals and allied products.	+3.1	391,686	389,189
Industrial chemicals.	-7.4	179,757	193,265
Drugs, soaps, and toiletries.	+14.4	165,654	150,016
Petroleum and coal products.	-21.3	145,705	177,314
Rubber and plastics products	-1.0	158,101	156,599
All other nondurable goods	-0.6	302,691	292,615

(p) Preliminary (r)Revised

(1)Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

SOURCE: Current Industrial Reports: Manufacturers' Shipments, Inventories, and Orders, 1998.

TABLE 2, PART 1: VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS

Industry	-----Seasonally Adjusted --- Monthly (Millions of dollars)		
	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998
All manufacturing industries.	343,529	335,930	334,663
 Manufacturing industries with unfilled orders	197,855	193,166	191,874
without defense capital goods	336,923	330,273	328,310

Durable goods industries	195,011	189,193	188,523
With unfilled orders	161,024	156,038	155,276
Stone, clay, and glass products.	8,298	8,195	8,038
Primary metals	14,402	14,587	13,343
Blast furnaces, steel mills	5,444	5,572	4,912
Iron and steel foundries.	1,541	1,568	1,504
Nonferrous and other primary metals.	7,417	7,447	6,927
Fabricated metal products.	20,496	20,235	20,095
Industrial machinery and equipment . . .	38,216	35,593	35,503
Engines and turbines.	3,766	2,308	2,769
Construction, mining and material handling equipment.	4,004	3,817	3,748
Metalworking machinery.	3,359	3,567	3,379
Computer and office equipment	11,573	10,944	10,948
Electronic and other electrical equipment	33,071	31,933	33,348
Electrical transmission and distribution equipment and industrial apparatus	3,783	3,536	3,647
Electric lighting and wiring equipment.	2,571	2,171	2,270
Communications equipment.	7,245	7,313	7,752
Electronic components	13,627	13,137	14,157
Transportation equipment	45,822	45,024	44,870
Aircraft, missiles, space vehicles, and parts.	8,131	9,962	9,637
Shipbuilding and tanks	1,724	754	1,936
Instruments and related products	14,423	13,920	13,642
Search and navigation equipment . . .	3,007	2,902	2,743
Measuring and controlling devices . .	4,188	4,111	3,930
Medical instruments and supplies. . .	4,837	4,410	4,564
All other durable goods.	20,283	19,706	19,684
Nondurable goods industries.	148,518	146,737	146,140
With unfilled orders.	36,831	37,128	36,598

TABLE 2, PART 2: VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS

Industry	-----Percent Change -----		
	Nov.- Dec. (p)	Oct. Nov. (r)	Sept.- Oct.
All manufacturing industries.	+2.3	+0.4	-1.7
Manufacturing industries with unfilled orders	+2.4	+0.7	-2.3
without defense capital goods	+2.0	+0.6	-1.5
Durable goods industries	+3.1	+0.4	-2.2
With unfilled orders	+3.2	+0.5	-2.6
Stone, clay, and glass products.	+1.3	+2.0	+0.1
Primary metals	-1.3	+9.3	-4.1
Blast furnaces, steel mills	-2.3	+13.4	-8.1

Iron and steel foundries.	-1.7	+4.3	+8.7
Nonferrous and other primary metals.	-0.4	+7.5	-3.6
Fabricated metal products.	+1.3	+0.7	+0.8
Industrial machinery and equipment . . .	+7.4	+0.3	-8.9
Engines and turbines.	+63.2	-16.6	-48.7
Construction, mining and material handling equipment.	+4.9	+1.8	-4.0
Metalworking machinery.	-5.8	+5.6	+1.9
Computer and office equipment	+5.7	0.0	+0.7
Electronic and other electrical equipment	+3.6	-4.2	+1.5
Electrical transmission and distribution equipment and industrial apparatus	+7.0	-3.0	-5.9
Electric lighting and wiring equipment.	+18.4	-4.4	+9.0
Communications equipment.	-0.9	-5.7	-2.4
Electronic components	+3.7	-7.2	+3.7
Transportation equipment	+1.8	+0.3	-0.5
Aircraft, missiles, space vehicles, and parts.	-18.4	+3.4	+5.8
Shipbuilding and tanks	128.6	-61.1	-8.1
Instruments and related products	+3.6	+2.0	-5.3
Search and navigation equipment	+3.6	+5.8	-9.9
Measuring and controlling devices . . .	+1.9	+4.6	-0.3
Medical instruments and supplies. . . .	+9.7	-3.4	-6.2
All other durable goods.	+2.9	+0.1	+0.7
Nondurable goods industries.	+1.2	+0.4	-1.0
With unfilled orders.	-0.8	+1.4	-0.7

TABLE 2, PART 3: VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS

Industry	---Not Seasonally Adjusted(1) ---			
	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998	Dec. 1997
All manufacturing industries.	340,965	333,218	347,900	330,612
Manufacturing industries with unfilled orders	202,896	191,627	198,008	194,159
without defense capital goods	331,363	327,279	342,165	320,815
Durable goods industries	196,973	186,550	197,533	185,604
With unfilled orders	166,633	153,555	160,816	156,755
Stone, clay, and glass products.	7,405	7,934	8,520	6,697
Primary metals	14,003	14,140	13,123	15,307
Blast furnaces, steel mills	5,362	5,353	4,798	6,603
Iron and steel foundries.	1,373	1,515	1,570	1,486
Nonferrous and other primary metals.	7,268	7,272	6,755	7,218
Fabricated metal products.	19,117	19,790	21,088	17,889

Industrial machinery and equipment . . .	40,946	33,930	34,785	37,061
Engines and turbines.	4,224	2,457	2,994	2,263
Construction, mining and material handling equipment.	4,007	3,486	3,839	4,317
Metalworking machinery.	3,588	4,010	3,641	3,184
Computer and office equipment	14,742	10,135	9,522	12,412
Electronic and other electrical equipment	34,672	31,022	37,676	31,579
Electrical transmission and distribution equipment and industrial apparatus	3,711	3,342	3,641	3,579
Electric lighting and wiring equipment.	2,747	2,265	2,245	2,417
Communications equipment.	10,406	7,423	7,388	9,105
Electronic components	12,198	11,702	18,111	11,378
Transportation equipment	45,833	46,476	48,013	43,301
Aircraft, missiles, space vehicles, and parts.	11,952	10,449	8,842	12,388
Shipbuilding and tanks	1,799	803	1,939	2,044
Instruments and related products	16,038	13,844	13,397	16,063
Search and navigation equipment	3,990	2,918	2,412	3,843
Measuring and controlling devices	4,415	4,134	3,841	4,725
Medical instruments and supplies. . . .	5,190	4,206	4,701	4,939
All other durable goods.	18,959	19,414	20,931	17,707
Nondurable goods industries.	143,992	146,668	150,367	145,008
With unfilled orders.	36,263	38,072	37,192	37,404

TABLE 2, PART 4: VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS

Industry	---Not Seasonally Adjusted(1) ---			
	Year to date (Millions of dollars)	Dec. 98/97	1998(p)	1997
All manufacturing industries.	+3.1	4,034,176	3,952,025	
Manufacturing industries with unfilled orders	+4.5	2,316,275	2,238,092	
without defense capital goods	+3.3	3,961,743	3,884,319	
Durable goods industries	+6.1	2,259,744	2,180,708	
With unfilled orders	+6.3	1,869,004	1,798,753	
Stone, clay, and glass products.	+10.6	96,088	89,893	
Primary metals	-8.5	175,717	193,987	
Blast furnaces, steel mills	-18.8	69,538	79,481	
Iron and steel foundries.	-7.6	18,051	17,993	
Nonferrous and other primary metals.	+0.7	88,128	96,513	
Fabricated metal products.	+6.9	238,789	228,567	
Industrial machinery and equipment . . .	+10.5	443,296	409,215	
Engines and turbines.	+86.7	33,375	23,687	
Construction, mining and material handling equipment.	-7.2	49,640	47,512	

Metalworking machinery.	+12.7	41,549	40,194
Computer and office equipment	+18.8	130,165	108,986
Electronic and other			
electrical equipment	+9.8	380,196	356,557
Electrical transmission and			
distribution equipment and			
industrial apparatus	+3.7	43,786	41,251
Electric lighting and			
wiring equipment.	+13.7	27,206	26,638
Communications equipment.	+14.3	88,858	79,273
Electronic components	+7.2	156,266	145,674
Transportation equipment	+5.8	524,740	507,667
Aircraft, missiles,			
space vehicles, and parts.	-3.5	124,426	124,151
Shipbuilding and tanks	-12.0	12,560	9,635
Instruments and related products	-0.2	166,417	165,453
Search and navigation equipment . . .	+3.8	34,324	33,763
Measuring and controlling devices . .	-6.6	48,187	50,629
Medical instruments and supplies. . .	+5.1	55,500	51,833
All other durable goods.	+7.1	234,501	229,369
Nondurable goods industries.	-0.7	1,774,432	1,771,317
With unfilled orders.	-3.1	447,271	439,339

(p) Preliminary (r)Revised

(1)Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

SOURCE: Current Industrial Reports: Manufacturers' Shipments, Inventories, and Orders,1998.

TABLE 3, PART 1: VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS

Industry	-----Seasonally Adjusted ---		
	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998
All manufacturing industries.	518,336	519,303	524,796
without defense capital goods	423,207	424,263	428,459
Durable goods industries	494,387	495,129	500,759
Stone, clay, and glass products.	6,239	6,249	6,290
Primary metals	29,816	29,689	29,388
Blast furnaces, steel mills	11,529	11,458	11,437
Iron and steel foundries.	5,563	5,594	5,541
Nonferrous and other primary			
metals.	12,724	12,637	12,410
Fabricated metal products.	25,849	25,957	26,137
Industrial machinery and equipment . . .	74,259	73,092	74,122
Engines and turbines.	18,078	16,658	16,763
Construction, mining and			
material handling equipment.	9,771	9,750	9,968
Metalworking machinery.	6,388	6,758	6,894

Computer and office equipment	8,146	7,626	7,745
Electronic and other			
electrical equipment	59,678	59,677	60,378
Electrical transmission and			
distribution equipment and			
industrial apparatus	6,343	6,366	6,435
Electric lighting and			
wiring equipment.	5,039	4,919	5,006
Communications equipment.	17,034	17,290	17,510
Electronic components	25,020	24,982	25,526
Transportation equipment	242,998	244,947	248,247
Aircraft, missiles,			
space vehicles, and parts.	204,911	208,629	211,882
Shipbuilding and tanks	18,689	17,936	18,465
Instruments and related products	47,354	47,407	48,004
Search and navigation equipment . . .	26,314	26,588	26,982
Measuring and controlling devices . .	10,364	10,095	10,214
Medical instruments and supplies. . .	9,644	9,697	9,841
All other durable goods.	8,194	8,111	8,193
Nondurable goods industries.	23,949	24,174	24,037

TABLE 3, PART 2: VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS

Industry	-----Percent Change -----		
	Nov.- Dec. (p)	Oct. Nov. (r)	Sept.- Oct.
All manufacturing industries.	-0.2	-1.0	-1.0
without defense capital goods	-0.2	-1.0	-1.1
Durable goods industries	-0.1	-1.1	-1.0
Stone, clay, and glass products.	-0.2	-0.7	-1.7
Primary metals	+0.4	+1.0	-4.1
Blast furnaces, steel mills	+0.6	+0.2	-6.7
Iron and steel foundries.	-0.6	+1.0	+0.3
Nonferrous and other primary			
metals.	+0.7	+1.8	-3.5
Fabricated metal products.	-0.4	-0.7	-0.3
Industrial machinery and equipment . . .	+1.6	-1.4	-2.0
Engines and turbines.	+8.5	-0.6	+2.3
Construction, mining and			
material handling equipment.	+0.2	-2.2	-3.4
Metalworking machinery.	-5.5	-2.0	-3.4
Computer and office equipment	+6.8	-1.5	-3.2
Electronic and other			
electrical equipment	0.0	-1.2	+1.9
Electrical transmission and			
distribution equipment and			
industrial apparatus	-0.4	-1.1	+0.6
Electric lighting and			
wiring equipment.	+2.4	-1.7	+0.4
Communications equipment.	-1.5	-1.3	+2.3
Electronic components	+0.2	-2.1	+2.1

Transportation equipment	-0.8	-1.3	-1.3
Aircraft, missiles,			
space vehicles, and parts.	-1.8	-1.5	-1.5
Shipbuilding and tanks	+4.2	-2.9	+2.7
Instruments and related products	-0.1	-1.2	-0.8
Search and navigation equipment . . .	-1.0	-1.5	-1.6
Measuring and controlling devices . .	+2.7	-1.2	0.0
Medical instruments and supplies. . .	-0.5	-1.5	+0.4
All other durable goods.	+1.0	-1.0	+0.8
Nondurable goods industries.	-0.9	+0.6	-0.7

TABLE 3, PART 3: VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS

Industry	---Not Seasonally Adjusted --- Monthly (Millions of dollars)			
	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998	Dec. 1997
All manufacturing industries.	513,129	514,816	522,765	531,558
without defense capital goods	418,110	421,855	428,591	429,342
Durable goods industries	490,013	491,398	499,520	506,334
Stone, clay, and glass products.	6,118	6,068	6,178	6,176
Primary metals	29,041	28,076	27,850	34,338
Blast furnaces, steel mills	11,124	10,667	10,633	14,358
Iron and steel foundries.	5,436	5,382	5,340	5,476
Nonferrous and other primary metals.	12,481	12,027	11,877	14,504
Fabricated metal products.	25,447	25,507	25,944	26,350
Industrial machinery and equipment . . .	74,302	73,622	74,156	73,425
Engines and turbines.	18,723	17,423	17,325	12,534
Construction, mining and material handling equipment.	9,611	9,410	9,689	10,366
Metalworking machinery.	6,388	6,758	6,894	7,149
Computer and office equipment	7,929	7,850	7,885	7,632
Electronic and other electrical equipment	57,434	59,822	62,795	53,306
Electrical transmission and distribution equipment and industrial apparatus	6,165	6,249	6,374	6,518
Electric lighting and wiring equipment.	5,039	4,919	5,006	4,927
Communications equipment.	17,058	17,293	17,500	14,331
Electronic components	23,288	25,422	27,937	21,540
Transportation equipment	242,509	243,188	246,459	254,517
Aircraft, missiles,				
space vehicles, and parts.	204,547	207,056	210,264	218,120
Shipbuilding and tanks	18,624	17,992	18,511	18,430
Instruments and related products	47,482	46,979	47,651	50,129
Search and navigation equipment . . .	26,544	26,079	26,447	29,243
Measuring and controlling devices . .	10,364	10,095	10,214	10,853
Medical instruments and supplies. . .	9,588	9,847	10,047	8,424

All other durable goods.	7,680	8,136	8,487	8,093
Nondurable goods industries.	23,116	23,418	23,245	25,224

TABLE 3, PART 4: VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS

Industry	---Not Seasonally Adjusted --- Year to date (Millions of dollars)			
	Dec.			
	98/97			
All manufacturing industries.	-3.5			
without defense capital goods	-2.6			
Durable goods industries	-3.2			
Stone, clay, and glass products.	-0.9			
Primary metals	-15.4			
Blast furnaces, steel mills	-22.5			
Iron and steel foundries.	-0.7			
Nonferrous and other primary metals.	-13.9			
Fabricated metal products.	-3.4			
Industrial machinery and equipment . . .	+1.2			
Engines and turbines.	+49.4			
Construction, mining and material handling equipment.	-7.3			
Metalworking machinery.	-10.6			
Computer and office equipment	+3.9			
Electronic and other electrical equipment	+7.7			
Electrical transmission and distribution equipment and industrial apparatus	-5.4			
Electric lighting and wiring equipment.	+2.3			
Communications equipment.	+19.0			
Electronic components	+8.1			
Transportation equipment	-4.7			
Aircraft, missiles, space vehicles, and parts.	-6.2			
Shipbuilding and tanks	+1.1			
Instruments and related products	-5.3			
Search and navigation equipment . . .	-9.2			
Measuring and controlling devices . .	-4.5			
Medical instruments and supplies. . .	+13.8			
All other durable goods.	-5.1			
Nondurable goods industries.	-8.4			

(p) Preliminary (r)Revised

SOURCE: Current Industrial Reports: Manufacturers' Shipments, Inventories, and Orders, 1998.

TABLE 4, PART 1: VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS

Industry	-----Seasonally Adjusted --- Monthly (Millions of dollars)		
	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998
All manufacturing industries	466,900	471,000	471,031
Manufacturing industries with			
unfilled orders	312,728	315,446	316,459
without defense capital goods	446,985	451,758	451,954
Durable goods industries	295,308	297,981	298,561
With unfilled orders	271,139	273,905	274,859
Stone, clay, and glass products	9,296	9,320	9,235
Primary metals	24,765	24,817	24,825
Blast furnaces, steel mills	12,101	12,175	12,312
Iron and steel foundries	1,574	1,579	1,576
Nonferrous and other primary			
metals	11,090	11,063	10,937
Fabricated metal products	30,872	31,134	31,093
Industrial machinery and equipment . . .	60,495	60,974	60,811
Engines and turbines	3,808	4,045	3,959
Farm and garden machinery	3,908	3,889	3,847
Construction, mining and			
material handling equipment	9,062	9,017	8,901
Metalworking machinery	7,844	7,812	7,829
Computer and office equipment	9,048	9,090	9,148
Electronic and other			
electrical equipment	39,977	40,315	40,589
Electrical transmission and			
distribution equipment and			
industrial apparatus	5,530	5,386	5,331
Household appliances	2,416	2,437	2,440
Electric lighting and			
wiring equipment	3,455	3,509	3,538
Household audio and			
video equipment	1,024	1,084	1,077
Communications equipment	9,825	10,121	10,388
Electronic components	14,087	14,123	14,169
Transportation equipment	75,401	76,452	76,999
Motor vehicles and parts	17,464	17,240	16,755
Aircraft, missiles,			
space vehicles, and parts	52,374	53,582	54,591
Shipbuilding and tanks	1,896	1,768	1,811
Instruments and related products	26,490	26,679	26,667
Search and navigation equipment . . .	6,593	6,701	6,772
Measuring and controlling devices . .	8,026	7,993	8,007
Medical instruments and supplies . .	8,452	8,583	8,502
Photographic goods	2,678	2,661	2,654
All other durable goods	28,012	28,290	28,342
Nondurable goods industries	171,592	173,019	172,470

With unfilled orders.	41,589	41,541	41,600
Food and kindred products.	37,207	37,264	37,459
Meat products	4,074	4,044	4,042
Dairy products.	3,732	3,804	3,797
Beverages	8,346	8,330	8,206
All other foods, except fats and oils	19,175	19,174	19,371
Tobacco products	5,904	5,939	6,020
Textile mill products.	10,197	10,194	10,286
Broadwoven fabrics and other textiles.	6,358	6,363	6,410
Paper and allied products.	16,470	16,483	16,511
Pulp, paper, and paperboard mill products.	6,759	6,746	6,766
Paperboard containers and boxes . . .	4,121	4,179	4,210
Miscellaneous converted paper products.	5,590	5,558	5,535
Chemicals and allied products.	46,132	46,875	46,356
Industrial chemicals.	19,676	19,872	19,910
Drugs, soaps, and toiletries.	20,683	21,254	20,656
Petroleum and coal products.	10,369	10,965	10,832
Rubber and plastics products	16,791	16,857	16,678
All other nondurable goods	28,522	28,442	28,328

TABLE 4, PART 2: VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS

Industry	-----Percent Change -----		
	Nov.- Dec. (p)	Oct. Nov. (r)	Sept.- Oct.
All manufacturing industries.	-0.9	0.0	+0.5
Manufacturing industries with unfilled orders	-0.9	-0.3	+0.5
without defense capital goods	-1.1	0.0	+0.5
Durable goods industries	-0.9	-0.2	+0.6
With unfilled orders	-1.0	-0.3	+0.6
Stone, clay, and glass products.	-0.3	+0.9	0.0
Primary metals	-0.2	0.0	-0.3
Blast furnaces, steel mills	-0.6	-1.1	-0.7
Iron and steel foundries.	-0.3	+0.2	+0.4
Nonferrous and other primary metals.	+0.2	+1.2	+0.1
Fabricated metal products.	-0.8	+0.1	+0.1
Industrial machinery and equipment . . .	-0.8	+0.3	-0.2
Engines and turbines.	-5.9	+2.2	-1.6
Farm and garden machinery	+0.5	+1.1	+1.6
Construction, mining and material handling equipment.	+0.5	+1.3	+1.1
Metalworking machinery.	+0.4	-0.2	-1.6
Computer and office equipment	-0.5	-0.6	-1.8
Electronic and other electrical equipment	-0.8	-0.7	+1.0
Electrical transmission and			

distribution equipment and			
industrial apparatus	+2.7	+1.0	+1.3
Household appliances.	-0.9	-0.1	+1.6
Electric lighting and			
wiring equipment.	-1.5	-0.8	+1.1
Household audio and			
video equipment.	-5.5	+0.6	+2.1
Communications equipment.	-2.9	-2.6	+0.3
Electronic components	-0.3	-0.3	+1.3
Transportation equipment	-1.4	-0.7	+1.7
Motor vehicles and parts	+1.3	+2.9	+0.3
Aircraft, missiles,			
space vehicles, and parts.	-2.3	-1.8	+2.2
Shipbuilding and tanks	+7.2	-2.4	-1.8
Instruments and related products	-0.7	0.0	+0.3
Search and navigation equipment . . .	-1.6	-1.0	+1.0
Measuring and controlling devices . . .	+0.4	-0.2	-0.1
Medical instruments and supplies. . .	-1.5	+1.0	-0.3
Photographic goods.	+0.6	+0.3	+1.1
All other durable goods.	-1.0	-0.2	+0.6
 Nondurable goods industries.	-0.8	+0.3	+0.4
With unfilled orders.	+0.1	-0.1	-0.3
Food and kindred products.	-0.2	-0.5	+0.9
Meat products	+0.7	0.0	+0.3
Dairy products.	-1.9	+0.2	+0.6
Beverages	+0.2	+1.5	+0.8
All other foods, except fats and oils	0.0	-1.0	+0.6
Tobacco products	-0.6	-1.3	+4.1
Textile mill products.	0.0	-0.9	-0.2
Broadwoven fabrics and			
other textiles.	-0.1	-0.7	0.0
Paper and allied products.	-0.1	-0.2	-0.1
Pulp, paper, and			
paperboard mill products.	+0.2	-0.3	+0.5
Paperboard containers and boxes . . .	-1.4	-0.7	-0.6
Miscellaneous converted			
paper products.	+0.6	+0.4	-0.4
Chemicals and allied products.	-1.6	+1.1	+0.1
Industrial chemicals.	-1.0	-0.2	-1.5
Drugs, soaps, and toiletries.	-2.7	+2.9	+1.3
Petroleum and coal products.	-5.4	+1.2	+0.6
Rubber and plastics products	-0.4	+1.1	+0.4
All other nondurable goods	+0.3	+0.4	-0.2

TABLE 4, PART 3: VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS

---Not Seasonally Adjusted ---
Monthly
(Millions of dollars)

Industry	Dec.	Nov.	Oct.	Dec.
	1998(p)	1998(r)	1998	1997
All manufacturing industries.	456,189	471,705	471,645	446,131

Manufacturing industries with unfilled orders	303,308	315,357	316,425	294,632
without defense capital goods	437,167	452,640	452,403	429,438
Durable goods industries	287,205	298,755	298,510	278,766
With unfilled orders	263,222	274,436	275,050	255,517
Stone, clay, and glass products.	9,082	9,004	8,894	8,832
Primary metals	24,834	24,722	24,694	24,785
Blast furnaces, steel mills	12,342	12,271	12,350	12,017
Iron and steel foundries.	1,538	1,539	1,539	1,523
Nonferrous and other primary metals.	10,954	10,912	10,805	11,245
Fabricated metal products.	30,287	30,786	30,767	29,046
Industrial machinery and equipment . . .	58,380	61,563	60,710	58,164
Engines and turbines.	3,541	4,263	4,067	3,872
Farm and garden machinery	4,077	3,948	3,620	3,735
Construction, mining and material handling equipment.	8,859	9,005	8,832	7,970
Metalworking machinery.	7,345	7,729	7,920	6,901
Computer and office equipment	8,327	9,388	9,230	9,869
Electronic and other electrical equipment	38,575	40,296	40,656	39,102
Electrical transmission and distribution equipment and industrial apparatus	5,406	5,424	5,353	5,495
Household appliances.	2,177	2,369	2,375	2,044
Electric lighting and wiring equipment.	3,269	3,528	3,570	3,204
Household audio and video equipment.	952	1,047	1,085	917
Communications equipment.	9,419	10,272	10,469	10,304
Electronic components	13,887	14,098	14,177	13,778
Transportation equipment	72,715	77,276	77,643	66,877
Motor vehicles and parts	16,897	17,299	16,765	15,568
Aircraft, missiles, space vehicles, and parts.	50,385	54,357	55,267	46,126
Shipbuilding and tanks	1,869	1,755	1,786	1,644
Instruments and related products	25,643	26,829	26,759	25,143
Search and navigation equipment . . .	6,398	6,677	6,708	6,391
Measuring and controlling devices . .	7,796	7,997	7,982	7,791
Medical instruments and supplies. .	8,257	8,725	8,585	7,977
Photographic goods.	2,455	2,683	2,751	2,322
All other durable goods.	27,689	28,279	28,387	26,817
Nondurable goods industries.	168,984	172,950	173,135	167,365
With unfilled orders.	40,086	40,921	41,375	39,115
Food and kindred products.	37,417	38,812	39,453	37,301
Meat products	3,842	4,002	4,038	3,736
Dairy products.	3,535	3,696	3,803	3,303
Beverages	8,264	8,528	8,450	7,871
All other foods, except fats and oils	19,861	20,551	21,052	20,477
Tobacco products	6,298	6,144	6,154	6,149
Textile mill products.	9,746	9,961	10,095	9,743
Broadwoven fabrics and other textiles.	6,130	6,283	6,307	6,135
Paper and allied products.	16,330	16,251	16,260	16,108

Pulp, paper, and				
paperboard mill products.	6,704	6,686	6,667	6,493
Paperboard containers and boxes . . .	4,118	4,077	4,108	4,082
Miscellaneous converted				
paper products.	5,508	5,488	5,485	5,533
Chemicals and allied products.	45,602	46,543	45,792	43,880
Industrial chemicals.	19,732	19,649	19,632	20,335
Drugs, soaps, and toiletries.	20,079	21,255	20,566	18,195
Petroleum and coal products.	10,000	11,109	10,939	11,806
Rubber and plastics products	16,626	16,567	16,278	16,300
All other nondurable goods	26,965	27,563	28,164	26,078

TABLE 4, PART 4: VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS

Industry	---Not Seasonally Adjusted---
	Year to date
	(Millions of dollars)
	Dec.
	98/97
All manufacturing industries.	+2.3
Manufacturing industries with	
unfilled orders	+2.9
without defense capital goods	+1.8
Durable goods industries	+3.0
With unfilled orders	+3.0
Stone, clay, and glass products.	+2.8
Primary metals	+0.2
Blast furnaces, steel mills	+2.7
Iron and steel foundries.	+1.0
Nonferrous and other primary	
metals.	-2.6
Fabricated metal products.	+4.3
Industrial machinery and equipment . . .	+0.4
Engines and turbines.	-8.5
Farm and garden machinery	+9.2
Construction, mining and	
material handling equipment.	+11.2
Metalworking machinery.	+6.4
Computer and office equipment	-15.6
Electronic and other	
electrical equipment	-1.3
Electrical transmission and	
distribution equipment and	
industrial apparatus	-1.6
Household appliances.	+6.5
Electric lighting and	
wiring equipment.	+2.0
Household audio and	
video equipment.	+3.8
Communications equipment.	-8.6
Electronic components	+0.8

Transportation equipment	+8.7
Motor vehicles and parts	+8.5
Aircraft, missiles,	
space vehicles, and parts.	+9.2
Shipbuilding and tanks	+13.7
Instruments and related products	+2.0
Search and navigation equipment . . .	+0.1
Measuring and controlling devices . .	+0.1
Medical instruments and supplies. . .	+3.5
Photographic goods.	+5.7
All other durable goods.	+3.3
Nondurable goods industries.	+1.0
With unfilled orders.	+2.5
Food and kindred products.	+0.3
Meat products	+2.8
Dairy products.	+7.0
Beverages	+5.0
All other foods, except fats and oils	-3.0
Tobacco products	+2.4
Textile mill products.	0.0
Broadwoven fabrics and	
other textiles.	-0.1
Paper and allied products.	+1.4
Pulp, paper, and	
paperboard mill products.	+3.2
Paperboard containers and boxes . . .	+0.9
Miscellaneous converted	
paper products.	-0.5
Chemicals and allied products.	+3.9
Industrial chemicals.	-3.0
Drugs, soaps, and toiletries.	+10.4
Petroleum and coal products.	-15.3
Rubber and plastics products	+2.0
All other nondurable goods	+3.4

 (p) Preliminary (r)Revised

SOURCE: Current Industrial Reports: Manufacturers' Shipments,
 Inventories, and Orders, 1998.

 TABLE 5, PART 1 : VALUE OF MANUFACTURERS' SHIPMENTS AND NEW ORDERS
 FOR TOPICAL SERIES

-----Seasonally Adjusted ---
 Monthly
 (Millions of dollars)

Industry	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998
SHIPMENTS			
All manufacturing industries	344,496	341,423	340,133

Market categories :			
Automotive equipment	15,609	15,221	15,238
Home goods and apparel	19,253	18,692	18,496
Consumer staples	70,647	69,370	68,901
Machinery and equipment	67,394	66,847	66,717
Business supplies	25,778	25,506	25,444
Construction materials and supplies	22,295	21,914	21,719
Defense products	6,827	7,250	7,269
Other materials, supplies and and intermediate products	116,693	116,623	116,349
Durable goods industries :			
Nondefense capital goods 3	54,070	54,200	53,870
Excluding aircraft and parts	45,512	44,716	44,985
Defense capital goods 4	6,517	6,954	7,068
Durables excluding capital goods . . .	135,166	133,669	132,880
Miscellaneous series :			
Producers' durable equipment	128,597	127,091	126,474
Household durable goods	9,788	9,416	9,244
Information technology industries . . .	25,254	25,696	25,285
Health care equipment and products	12,896	12,320	11,879
NEW ORDERS			
All manufacturing industries	343,529	335,930	334,663
Market categories :			
Automotive equipment	15,652	15,257	15,241
Home goods and apparel	19,341	18,988	18,786
Consumer staples	70,710	69,552	68,776
Machinery and equipment	65,250	63,839	63,403
Business supplies	25,697	25,664	25,291
Construction materials and supplies	22,355	21,783	21,655
Defense products	6,878	5,797	6,662
Other materials, supplies and and intermediate products	117,646	115,050	114,849
Durable goods industries :			
Nondefense capital goods 3	52,513	50,675	50,138
Excluding aircraft and parts	47,001	43,775	43,030
Defense capital goods 4	6,606	5,657	6,353
Durables excluding capital goods . . .	135,892	132,861	132,032
Miscellaneous series :			
Producers' durable equipment	125,924	124,474	123,187
Household durable goods	9,831	9,465	9,387
Information technology industries . . .	25,677	24,961	25,062
Health care equipment and products	12,843	12,176	11,922

TABLE 5, PART 2 : VALUE OF MANUFACTURERS' SHIPMENTS AND NEW ORDERS
FOR TOPICAL SERIES

-----Percent Change -----

Industry	Nov.- Dec. (p)	Oct. Nov. (r)	Sept.- Oct.
SHIPMENTS			
All manufacturing industries			
	+0.9	+0.4	-0.1
Market categories :			
Automotive equipment	+2.5	-0.1	+0.5
Home goods and apparel	+3.0	+1.1	-0.9
Consumer staples	+1.8	+0.7	-1.4
Machinery and equipment	+0.8	+0.2	+0.3
Business supplies	+1.1	+0.2	+0.1
Construction materials and supplies	+1.7	+0.9	+0.1
Defense products	-5.8	-0.3	+5.7
Other materials, supplies and and intermediate products	+0.1	+0.2	+0.1
Durable goods industries :			
Nondefense capital goods 3	-0.2	+0.6	+0.8
Excluding aircraft and parts	+1.8	-0.6	-0.1
Defense capital goods 4	-6.3	-1.6	+7.0
Durables excluding capital goods . . .	+1.1	+0.6	0.0
Miscellaneous series :			
Producers' durable equipment	+1.2	+0.5	+0.4
Household durable goods	+4.0	+1.9	+0.1
Information technology industries . . .	-1.7	+1.6	-0.5
Health care equipment and products	+4.7	+3.7	-4.1
NEW ORDERS			
All manufacturing industries	+2.3	+0.4	-1.7
Market categories :			
Automotive equipment	+2.6	+0.1	+0.1
Home goods and apparel	+1.9	+1.1	0.0
Consumer staples	+1.7	+1.1	-1.6
Machinery and equipment	+2.2	+0.7	-6.5
Business supplies	+0.1	+1.5	-0.6
Construction materials and supplies	+2.6	+0.6	+1.2
Defense products	+18.6	-13.0	-10.8
Other materials, supplies and and intermediate products	+2.3	+0.2	+0.4
Durable goods industries :			
Nondefense capital goods 3	+3.6	+1.1	-6.4
Excluding aircraft and parts	+7.4	+1.7	-9.7
Defense capital goods 4	+16.8	-11.0	-9.8

Durables excluding capital goods . . .	+2.3	+0.6	-0.1
Miscellaneous series :			
Producers' durable equipment	+1.2	+1.0	-4.1
Household durable goods	+3.9	+0.8	+1.1
Information technology industries . .	+2.9	-0.4	-2.3
Health care equipment and products	+5.5	+2.1	-5.2

TABLE 5, PART 3 : VALUE OF MANUFACTURERS' SHIPMENTS AND NEW ORDERS
FOR TOPICAL SERIES

Industry	---Not Seasonally Adjusted(2) --- Monthly (Millions of dollars)			
	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998	Dec. 1997
SHIPMENTS				
All manufacturing industries	342,652	341,167	350,525	332,383
Market categories :				
Automotive equipment	13,813	15,723	17,281	12,886
Home goods and apparel	17,327	19,421	20,595	17,016
Consumer staples	71,372	70,000	71,153	68,737
Machinery and equipment	74,685	65,851	66,124	69,124
Business supplies	25,489	26,017	26,308	25,523
Construction materials and supplies	20,601	21,480	22,944	19,325
Defense products	7,700	7,364	7,184	7,388
Other materials, supplies and and intermediate products	111,665	115,311	118,936	112,384
Durable goods industries :				
Nondefense capital goods 3	63,396	52,882	51,412	58,116
Excluding aircraft and parts	52,923	43,142	43,008	48,786
Defense capital goods 4	7,544	7,152	7,003	7,100
Durables excluding capital goods . .	127,418	134,638	140,710	121,931
Miscellaneous series :				
Producers' durable equipment	131,953	127,037	129,912	122,721
Household durable goods	9,597	9,886	10,080	9,096
Information technology industries . .	32,322	25,047	23,285	30,192
Health care equipment and products	14,017	12,081	11,836	12,456
NEW ORDERS				
All manufacturing industries	340,965	333,218	347,900	330,612
Market categories :				
Automotive equipment	13,877	15,713	17,276	12,917

Home goods and apparel.	17,045	19,368	20,725	16,609
Consumer staples.	71,467	70,159	70,795	68,743
Machinery and equipment	71,768	62,907	63,425	66,086
Business supplies	25,356	26,152	25,897	25,306
Construction materials and supplies.	20,737	21,239	22,690	19,470
Defense products.	9,726	6,091	6,119	9,957
Other materials, supplies and and intermediate products	110,989	111,589	120,973	111,524
Durable goods industries :				
Nondefense capital goods 3.	61,255	49,726	48,453	55,048
Excluding aircraft and parts.	53,828	42,570	41,826	47,948
Defense capital goods 4	9,602	5,939	5,735	9,797
Durables excluding capital goods. . .	126,116	130,885	143,345	120,759
Miscellaneous series :				
Producers' durable equipment.	128,025	123,962	127,504	119,866
Household durable goods	9,330	9,668	10,266	8,680
Information technology industries . .	32,317	24,369	23,198	29,379
Health care equipment and products.	13,756	11,880	12,228	12,441

TABLE 5, PART 4: VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS

Industry	---Not Seasonally Adjusted(2) ---		
	Dec.	Year to date	(Millions of dollars)
	98/97	1998(p)	1997
SHIPMENTS			
All manufacturing industries	+3.1	4,052,605	3,929,419
Market categories :			
Automotive equipment.	+7.2	174,914	169,145
Home goods and apparel.	+1.8	226,999	220,994
Consumer staples.	+3.8	831,099	809,598
Machinery and equipment	+8.0	776,560	711,993
Business supplies	-0.1	306,075	302,490
Construction materials and supplies.	+6.6	260,188	252,549
Defense products.	+4.2	83,226	79,523
Other materials, supplies and and intermediate products	-0.6	1,393,544	1,383,127
Durable goods industries :			
Nondefense capital goods 3.	+9.1	624,499	563,933
Excluding aircraft and parts.	+8.5	528,989	483,149
Defense capital goods 4	+6.3	79,630	75,194
Durables excluding capital goods. . .	+4.5	1,571,936	1,519,572

Miscellaneous series :			
Producers' durable equipment	+7.5	1,477,159	1,383,145
Household durable goods	+5.5	112,418	106,074
Information technology industries . .	+7.1	297,917	270,844
Health care equipment and products.	+12.5	144,291	132,540
 NEW ORDERS			
All manufacturing industries	+3.1	4,034,176	3,952,025
Market categories :			
Automotive equipment.	+7.4	174,840	169,310
Home goods and apparel.	+2.6	226,750	222,405
Consumer staples.	+4.0	831,404	809,563
Machinery and equipment	+8.6	774,645	729,607
Business supplies	+0.2	306,228	302,437
Construction materials and supplies.	+6.5	259,864	253,766
Defense products.	-2.3	76,005	72,066
Other materials, supplies and and intermediate products	-0.5	1,384,440	1,392,871
Durable goods industries :			
Nondefense capital goods 3.	+11.3	620,927	577,978
Excluding aircraft and parts. . . .	+12.3	532,185	490,101
Defense capital goods 4	-2.0	72,433	67,706
Durables excluding capital goods. . .	+4.4	1,566,384	1,535,024
Miscellaneous series :			
Producers' durable equipment.	+6.8	1,473,563	1,405,864
Household durable goods	+7.5	111,778	107,403
Information technology industries . .	+10.0	299,231	272,605
Health care equipment and products.	+10.6	145,454	133,451

(p) Preliminary (r)Revised

- (1)Topical series are regroupings of the separate industry categories
- (2)Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.
- (3)Nondefense capital goods industries include: ordnance and accessories; steam, gas, and hydraulic turbines; internal combustion engines; construction, mining, and material handling equipment; metalworking machinery; special industry machinery; general industrial machinery, computer and office equipment; refrigeration, heating and service industry machinery; electrical transmission and distribution equipment; electrical industrial apparatus; communications equipment; aircraft, missiles, space vehicles, and engines and parts; ships and tank components; railroad equipment; and search and navigation equipment.
- (4)Defense capital goods industries include; ordnance and accessories; communications equipment; aircraft, missiles, space vehicles, and engines and parts; ships, tanks and tank components; and search and navigation equipment.

SOURCE: Current Industrial Reports: Manufacturers' Shipments, Inventories, and Orders,1998.

TABLE 6, PART 1 : VALUE OF MANUFACTURERS' UNFILLED ORDERS AND TOTAL
INVENTORIES FOR TOPICAL SERIES

Industry	-----Seasonally Adjusted --- Monthly (Millions of dollars)		
	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998
UNFILLED ORDERS			
All manufacturing industries	518,336	519,303	524,796
Market categories :			
Automotive equipment.	2,461	2,418	2,382
Home goods and apparel.	9,029	8,941	8,646
Consumer staples.	2,391	2,328	2,146
Machinery and equipment	241,766	243,910	246,919
Business supplies	6,810	6,891	6,733
Construction materials and supplies.	17,546	17,486	17,618
Defense products.	90,218	90,167	91,620
Other materials, supplies and and intermediate products	148,115	147,162	148,732
Durable goods industries :			
Nondefense capital goods 3.	257,890	259,447	262,972
Excluding aircraft and parts.	106,614	105,125	106,066
Defense capital goods 4	95,129	95,040	96,337
Durables excluding capital goods. . .	141,368	140,642	141,450
Miscellaneous series :			
Producers' durable equipment.	281,150	283,823	286,440
Household durable goods	5,522	5,479	5,430
Information technology industries . .	39,525	39,102	39,837
Health care equipment and products.	9,685	9,737	9,881
TOTAL INVENTORIES			
All manufacturing industries	466,900	471,000	471,031
Market categories :			
Automotive equipment.	8,660	8,577	8,364
Home goods and apparel.	32,330	32,512	32,345
Consumer staples.	72,888	73,913	73,416
Machinery and equipment	117,673	120,435	121,725
Business supplies	28,248	28,310	28,315
Construction materials and supplies.	28,701	28,946	28,973
Defense products.	19,370	18,839	18,764
Other materials, supplies and and intermediate products	159,030	159,468	159,129

Durable goods industries :			
Nondefense capital goods 3	109,732	112,381	113,708
Excluding aircraft and parts.	70,837	71,713	71,729
Defense capital goods 4	19,915	19,242	19,077
Durables excluding capital goods. . .	165,661	166,358	165,776
Miscellaneous series :			
Producers' durable equipment.	190,336	193,333	194,481
Household durable goods	16,440	16,633	16,556
Information technology industries . .	31,916	32,324	32,672
Health care equipment and products.	19,658	20,093	19,692

TABLE 6, PART 2 : VALUE OF MANUFACTURERS' UNFILLED ORDERS AND TOTAL INVENTORIES FOR TOPICAL SERIES

Industry	-----Percent Change -----		
	Nov.-	Oct.	Sept.-
	Dec. (p)	Nov. (r)	Oct.
UNFILLED ORDERS			
All manufacturing industries	-0.2	-1.0	-1.0
Market categories :			
Automotive equipment.	+1.8	+1.5	+0.1
Home goods and apparel.	+1.0	+3.4	+3.5
Consumer staples.	+2.7	+8.5	-5.5
Machinery and equipment	-0.9	-1.2	-1.3
Business supplies	-1.2	+2.3	-2.2
Construction materials and supplies.	+0.3	-0.7	-0.4
Defense products.	+0.1	-1.6	-0.7
Other materials, supplies and and intermediate products	+0.6	-1.1	-1.0
Durable goods industries :			
Nondefense capital goods 3	-0.6	-1.3	-1.4
Excluding aircraft and parts.	+1.4	-0.9	-1.8
Defense capital goods 4	+0.1	-1.3	-0.7
Durables excluding capital goods. . .	+0.5	-0.6	-0.6
Miscellaneous series :			
Producers' durable equipment.	-0.9	-0.9	-1.1
Household durable goods	+0.8	+0.9	+2.7
Information technology industries . .	+1.1	-1.8	-0.6
Health care equipment and products.	-0.5	-1.5	+0.4
TOTAL INVENTORIES			
All manufacturing industries	-0.9	0.0	+0.5

Market categories :				
Automotive equipment	+1.0	+2.5	+0.9	
Home goods and apparel	-0.6	+0.5	+0.7	
Consumer staples	-1.4	+0.7	+1.1	
Machinery and equipment	-2.3	-1.1	+0.9	
Business supplies	-0.2	0.0	-0.6	
Construction materials and supplies	-0.8	-0.1	+0.5	
Defense products	+2.8	+0.4	+1.4	
Other materials, supplies and and intermediate products	-0.3	+0.2	0.0	
Durable goods industries :				
Nondefense capital goods 3	-2.4	-1.2	+0.8	
Excluding aircraft and parts	-1.2	0.0	0.0	
Defense capital goods 4	+3.5	+0.9	+1.6	
Durables excluding capital goods	-0.4	+0.4	+0.4	
Miscellaneous series :				
Producers' durable equipment	-1.6	-0.6	+0.6	
Household durable goods	-1.2	+0.5	+1.0	
Information technology industries	-1.3	-1.1	-0.3	
Health care equipment and products	-2.2	+2.0	+0.7	

TABLE 6, PART 3 : VALUE OF MANUFACTURERS' UNFILLED ORDERS AND TOTAL INVENTORIES FOR TOPICAL SERIES

Industry	---Not Seasonally Adjusted --- Monthly (Millions of dollars)			
	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998	Dec. 1997
UNFILLED ORDERS				
All manufacturing industries	513,129	514,816	522,765	531,558
Market categories :				
Automotive equipment	2,411	2,348	2,358	2,487
Home goods and apparel	8,309	8,591	8,643	8,559
Consumer staples	2,354	2,260	2,100	2,050
Machinery and equipment	240,827	243,744	246,688	242,743
Business supplies	6,585	6,718	6,584	6,432
Construction materials and supplies	17,303	17,166	17,408	17,626
Defense products	90,323	88,298	89,571	97,544
Other materials, supplies and and intermediate products	145,017	145,691	149,413	154,117
Durable goods industries :				
Nondefense capital goods 3	257,644	259,785	262,941	261,216
Excluding aircraft and parts	106,368	105,463	106,035	103,172

Defense capital goods 4	95,019	92,961	94,174	102,216
Durables excluding capital goods . . .	137,350	138,652	142,405	142,902
Miscellaneous series :				
Producers' durable equipment	279,518	283,446	286,521	283,114
Household durable goods	5,143	5,410	5,628	5,783
Information technology industries . . .	39,284	39,289	39,967	37,970
Health care equipment and products	9,627	9,888	10,089	8,467
TOTAL INVENTORIES				
All manufacturing industries	456,189	471,705	471,645	446,131
Market categories :				
Automotive equipment	8,259	8,558	8,319	7,755
Home goods and apparel	30,846	31,307	31,774	29,226
Consumer staples	72,437	75,477	75,293	71,473
Machinery and equipment	113,332	122,048	122,161	111,413
Business supplies	27,260	28,205	28,445	26,644
Construction materials and supplies	28,135	28,658	28,663	27,689
Defense products	18,603	18,662	18,898	16,442
Other materials, supplies and and intermediate products	157,317	158,790	158,092	155,489
Durable goods industries :				
Nondefense capital goods 3	105,531	113,974	114,349	104,787
Excluding aircraft and parts	67,858	72,398	71,880	69,237
Defense capital goods 4	19,022	19,065	19,242	16,693
Durables excluding capital goods . . .	162,652	165,716	164,919	157,286
Miscellaneous series :				
Producers' durable equipment	184,221	194,503	194,599	179,571
Household durable goods	15,727	16,286	16,429	14,549
Information technology industries . . .	30,247	32,777	32,841	32,528
Health care equipment and products	19,139	20,234	19,723	17,853

TABLE 6, PART 4: VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS

---Not Seasonally Adjusted ---
Year to date
(Millions of dollars)

Industry	Dec. 98/97
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UNFILLED ORDERS

All manufacturing industries	-3.5
Market categories :	
Automotive equipment	-3.1

Home goods and apparel	-2.9
Consumer staples	+14.8
Machinery and equipment	-0.8
Business supplies	+2.4
Construction materials	
and supplies	-1.8
Defense products	-7.4
Other materials, supplies and	
and intermediate products	-5.9
Durable goods industries :	
Nondefense capital goods 3	-1.4
Excluding aircraft and parts	+3.1
Defense capital goods 4	-7.0
Durables excluding capital goods	-3.9
Miscellaneous series :	
Producers' durable equipment	-1.3
Household durable goods	-11.1
Information technology industries	+3.5
Health care equipment	
and products	+13.7
TOTAL INVENTORIES	
All manufacturing industries	+2.3
Market categories :	
Automotive equipment	+6.5
Home goods and apparel	+5.5
Consumer staples	+1.3
Machinery and equipment	+1.7
Business supplies	+2.3
Construction materials	
and supplies	+1.6
Defense products	+13.1
Other materials, supplies and	
and intermediate products	+1.2
Durable goods industries :	
Nondefense capital goods 3	+0.7
Excluding aircraft and parts	-2.0
Defense capital goods 4	+14.0
Durables excluding capital goods	+3.4
Miscellaneous series :	
Producers' durable equipment	+2.6
Household durable goods	+8.1
Information technology industries	-7.0
Health care equipment	
and products	+7.2

(p) Preliminary (r)Revised

See footnotes at end of table 5.

SOURCE: Current Industrial Reports: Manufacturers' Shipments,

Inventories, and Orders, 1998.

TABLE 7, PART1 : VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

Industry	-----Seasonally Adjusted --- Monthly (Millions of dollars)		
	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998
MATERIALS AND SUPPLIES			
All manufacturing industries	153,949	155,862	156,036
Durable goods industries	91,686	93,115	93,345
Stone, clay, and glass products.	3,134	3,148	3,111
Primary metals	7,845	7,917	7,933
Fabricated metal products.	10,390	10,661	10,746
Industrial machinery and equipment . .	19,899	19,795	19,581
Electronic and other electrical equipment.	15,481	15,709	15,921
Transportation equipment	14,995	15,604	15,603
Instruments and related products . . .	9,042	9,228	9,281
Lumber, furniture and miscellaneous durable goods	10,900	11,053	11,169
Nondurable goods industries.	62,263	62,747	62,691
Food and kindred products.	11,273	11,215	11,406
Tobacco products	5,095	5,136	5,228
Textile mill products.	2,903	2,896	2,957
Paper and allied products.	7,977	7,968	7,992
Chemicals and allied products.	15,499	15,521	15,535
Petroleum and coal products.	3,153	3,613	3,243
Rubber and plastics products	6,944	6,989	6,903
Apparel, printing and publishing and leather goods	9,419	9,409	9,427
WORK IN PROCESS			
All manufacturing industries	150,606	152,304	152,848
Durable goods industries	121,345	122,509	123,446
Stone, clay, and glass products.	1,383	1,365	1,356
Primary metals	8,626	8,672	8,604
Fabricated metal products.	9,153	9,222	9,135
Industrial machinery and equipment . .	22,486	22,758	22,828
Electronic and other electrical equipment.	13,730	13,914	14,112
Transportation equipment	50,650	51,254	52,225
Instruments and related products . . .	10,019	10,012	9,939
Lumber, furniture and miscellaneous durable goods	5,298	5,312	5,247
Nondurable goods industries.	29,261	29,795	29,402

Food and kindred products.	5,761	5,724	5,588
Tobacco products	94	92	92
Textile mill products.	2,611	2,621	2,644
Paper and allied products.	1,658	1,579	1,551
Chemicals and allied products.	8,571	9,164	8,773
Petroleum and coal products.	2,349	2,451	2,627
Rubber and plastics products	2,212	2,237	2,195
Apparel, printing and publishing and leather goods	6,005	5,927	5,932
FINISHED GOODS			
All manufacturing industries	162,345	162,834	162,147
Durable goods industries	82,277	82,357	81,770
Stone, clay, and glass products.	4,779	4,807	4,768
Primary metals	8,294	8,228	8,288
Fabricated metal products.	11,329	11,251	11,212
Industrial machinery and equipment . .	18,110	18,421	18,402
Electronic and other electrical equipment.	10,766	10,692	10,556
Transportation equipment	9,756	9,594	9,171
Instruments and related products . . .	7,429	7,439	7,447
Lumber, furniture and miscellaneous durable goods	11,814	11,925	11,926
Nondurable goods industries.	80,068	80,477	80,377
Food and kindred products.	20,173	20,325	20,465
Tobacco products	715	711	700
Textile mill products.	4,683	4,677	4,685
Paper and allied products.	6,835	6,936	6,968
Chemicals and allied products.	22,062	22,190	22,048
Petroleum and coal products.	4,867	4,901	4,962
Rubber and plastics products	7,635	7,631	7,580
Apparel, printing and publishing and leather goods	13,098	13,106	12,969

TABLE 7, PART 2 : VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF
FABRICATION, BY INDUSTRY GROUP

Industry	-----Percent Change -----		
	Nov.- Dec. (p)	Oct. Nov. (r)	Sept.- Oct.

MATERIALS AND SUPPLIES

All manufacturing industries	-1.2	-0.1	-0.1
Durable goods industries	-1.5	-0.2	+0.1
Stone, clay, and glass products.	-0.4	+1.2	-0.8
Primary metals	-0.9	-0.2	-1.8
Fabricated metal products.	-2.5	-0.8	-0.9
Industrial machinery and equipment . .	+0.5	+1.1	-0.8

Electronic and other electrical equipment.	-1.5	-1.3	+2.0
Transportation equipment	-3.9	0.0	0.0
Instruments and related products . . .	-2.0	-0.6	+0.3
Lumber, furniture and miscellaneous durable goods	-1.4	-1.0	+1.2
 Nondurable goods industries.	-0.8	+0.1	-0.2
Food and kindred products.	+0.5	-1.7	-0.8
Tobacco products	-0.8	-1.8	+4.2
Textile mill products.	+0.2	-2.1	-1.1
Paper and allied products.	+0.1	-0.3	-0.8
Chemicals and allied products.	-0.1	-0.1	-0.3
Petroleum and coal products.	-12.7	+11.4	-0.7
Rubber and plastics products	-0.6	+1.2	+1.0
Apparel, printing and publishing and leather goods	+0.1	-0.2	-1.8

WORK IN PROCESS

All manufacturing industries	-1.1	-0.4	+1.1
Durable goods industries	-1.0	-0.8	+1.1
Stone, clay, and glass products.	+1.3	+0.7	+1.3
Primary metals	-0.5	+0.8	+0.3
Fabricated metal products.	-0.7	+1.0	+1.4
Industrial machinery and equipment . .	-1.2	-0.3	+0.1
Electronic and other electrical equipment.	-1.3	-1.4	0.0
Transportation equipment	-1.2	-1.9	+2.2
Instruments and related products . . .	+0.1	+0.7	+1.0
Lumber, furniture and miscellaneous durable goods	-0.3	+1.2	-0.9
 Nondurable goods industries.	-1.8	+1.3	+0.8
Food and kindred products.	+0.6	+2.4	+3.0
Tobacco products	+2.2	0.0	-9.8
Textile mill products.	-0.4	-0.9	-0.2
Paper and allied products.	+5.0	+1.8	-1.0
Chemicals and allied products.	-6.5	+4.5	+1.8
Petroleum and coal products.	-4.2	-6.7	-0.2
Rubber and plastics products	-1.1	+1.9	-0.7
Apparel, printing and publishing and leather goods	+1.3	-0.1	-0.5

FINISHED GOODS

All manufacturing industries	-0.3	+0.4	+0.6
Durable goods industries	-0.1	+0.7	+0.5
Stone, clay, and glass products.	-0.6	+0.8	+0.1
Primary metals	+0.8	-0.7	+0.5
Fabricated metal products.	+0.7	+0.3	+0.1
Industrial machinery and equipment . .	-1.7	+0.1	0.0
Electronic and other electrical equipment.	+0.7	+1.3	+0.9
Transportation equipment	+1.7	+4.6	+2.0

Instruments and related products . . .	-0.1	-0.1	-0.5
Lumber, furniture and miscellaneous durable goods	-0.9	0.0	+0.6
Nondurable goods industries.	-0.5	+0.1	+0.7
Food and kindred products.	-0.7	-0.7	+1.4
Tobacco products	+0.6	+1.6	+5.7
Textile mill products.	+0.1	-0.2	+0.4
Paper and allied products.	-1.5	-0.5	+1.0
Chemicals and allied products.	-0.6	+0.6	-0.3
Petroleum and coal products.	-0.7	-1.2	+1.8
Rubber and plastics products	+0.1	+0.7	+0.2
Apparel, printing and publishing and leather goods	-0.1	+1.1	+1.2

TABLE 7, PART 3 : VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

---Not Seasonally Adjusted ---
Monthly
(Millions of dollars)

Industry	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998	Dec. 1997
MATERIALS AND SUPPLIES				
All manufacturing industries	153,613	155,775	156,447	150,949
Durable goods industries	91,377	93,671	93,872	89,683
Stone, clay, and glass products.	3,146	3,150	3,113	3,020
Primary metals	8,133	8,089	8,102	8,177
Fabricated metal products.	10,523	10,611	10,711	10,404
Industrial machinery and equipment . .	19,453	19,909	19,621	18,876
Electronic and other electrical equipment.	15,204	15,708	16,039	15,267
Transportation equipment	14,859	15,598	15,482	14,378
Instruments and related products . . .	8,874	9,179	9,257	8,605
Lumber, furniture and miscellaneous durable goods	11,185	11,427	11,547	10,956
Nondurable goods industries.	62,236	62,104	62,575	61,266
Food and kindred products.	11,368	11,348	11,713	11,083
Tobacco products	5,409	5,053	5,184	5,283
Textile mill products.	2,847	2,795	2,863	2,915
Paper and allied products.	8,024	7,896	7,970	7,899
Chemicals and allied products.	15,328	15,390	15,481	14,606
Petroleum and coal products.	3,094	3,583	3,241	3,698
Rubber and plastics products	7,000	6,905	6,798	6,620
Apparel, printing and publishing and leather goods	9,166	9,134	9,325	9,162

WORK IN PROCESS

All manufacturing industries	145,846	153,935	154,277	142,289
Durable goods industries	117,194	123,475	123,982	113,381
Stone, clay, and glass products.	1,289	1,260	1,282	1,190
Primary metals	8,511	8,540	8,514	8,713
Fabricated metal products.	8,950	9,251	9,159	8,464
Industrial machinery and equipment . .	21,494	23,103	22,946	21,853
Electronic and other electrical equipment.	13,265	13,939	14,093	13,824
Transportation equipment	48,951	52,094	52,895	44,724
Instruments and related products . . .	9,592	10,055	9,867	9,535
Lumber, furniture and miscellaneous durable goods	5,142	5,233	5,226	5,078
Nondurable goods industries.	28,652	30,460	30,295	28,908
Food and kindred products.	6,194	6,377	6,352	6,316
Tobacco products	88	105	106	91
Textile mill products.	2,519	2,613	2,650	2,639
Paper and allied products.	1,665	1,500	1,485	1,672
Chemicals and allied products.	8,362	9,190	8,719	8,117
Petroleum and coal products.	2,204	2,479	2,681	2,530
Rubber and plastics products	2,174	2,275	2,216	2,194
Apparel, printing and publishing and leather goods	5,446	5,921	6,086	5,349
FINISHED GOODS				
All manufacturing industries	156,730	161,995	160,921	152,893
Durable goods industries	78,634	81,609	80,656	75,702
Stone, clay, and glass products.	4,647	4,594	4,499	4,622
Primary metals	8,190	8,093	8,078	7,895
Fabricated metal products.	10,814	10,924	10,897	10,178
Industrial machinery and equipment . .	17,433	18,551	18,143	17,435
Electronic and other electrical equipment.	10,106	10,649	10,524	10,011
Transportation equipment	8,905	9,584	9,266	7,775
Instruments and related products . . .	7,177	7,595	7,635	7,003
Lumber, furniture and miscellaneous durable goods	11,362	11,619	11,614	10,783
Nondurable goods industries.	78,096	80,386	80,265	77,191
Food and kindred products.	19,855	21,087	21,388	19,902
Tobacco products	801	986	864	775
Textile mill products.	4,380	4,553	4,582	4,189
Paper and allied products.	6,641	6,855	6,805	6,537
Chemicals and allied products.	21,912	21,963	21,592	21,157
Petroleum and coal products.	4,702	5,047	5,017	5,578
Rubber and plastics products	7,452	7,387	7,264	7,486
Apparel, printing and publishing and leather goods	12,353	12,508	12,753	11,567

TABLE 7, PART 4 : VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

---Not Seasonally Adjusted ---

Year to date
(Millions of dollars)

Industry

Dec.
98/97

MATERIALS AND SUPPLIES

All manufacturing industries	+1.8
Durable goods industries	+1.9
Stone, clay, and glass products.	+4.2
Primary metals	-0.5
Fabricated metal products.	+1.1
Industrial machinery and equipment . .	+3.1
Electronic and other	
electrical equipment.	-0.4
Transportation equipment	+3.3
Instruments and related products . . .	+3.1
Lumber, furniture and	
miscellaneous durable goods	+2.1
Nondurable goods industries.	+1.6
Food and kindred products.	+2.6
Tobacco products	+2.4
Textile mill products.	-2.3
Paper and allied products.	+1.6
Chemicals and allied products.	+4.9
Petroleum and coal products.	-16.3
Rubber and plastics products	+5.7
Apparel, printing and publishing	
and leather goods	0.0

WORK IN PROCESS

All manufacturing industries	+2.5
Durable goods industries	+3.4
Stone, clay, and glass products.	+8.3
Primary metals	-2.3
Fabricated metal products.	+5.7
Industrial machinery and equipment . .	-1.6
Electronic and other	
electrical equipment.	-4.0
Transportation equipment	+9.5
Instruments and related products . . .	+0.6
Lumber, furniture and	
miscellaneous durable goods	+1.3
Nondurable goods industries.	-0.9
Food and kindred products.	-1.9
Tobacco products	-3.3
Textile mill products.	-4.5
Paper and allied products.	-0.4
Chemicals and allied products.	+3.0

Petroleum and coal products	-12.9
Rubber and plastics products	-0.9
Apparel, printing and publishing and leather goods	+1.8
FINISHED GOODS	
All manufacturing industries	+2.5
Durable goods industries	+3.9
Stone, clay, and glass products.	+0.5
Primary metals	+3.7
Fabricated metal products.	+6.2
Industrial machinery and equipment . .	0.0
Electronic and other electrical equipment.	+0.9
Transportation equipment	+14.5
Instruments and related products . . .	+2.5
Lumber, furniture and miscellaneous durable goods	+5.4
Nondurable goods industries.	+1.2
Food and kindred products.	-0.2
Tobacco products	+3.4
Textile mill products.	+4.6
Paper and allied products.	+1.6
Chemicals and allied products.	+3.6
Petroleum and coal products.	-15.7
Rubber and plastics products	-0.5
Apparel, printing and publishing and leather goods	+6.8

(p) Preliminary (r)Revised

SOURCE: Current Industrial Reports: Manufacturers' Shipments,
Inventories, and Orders, 1998.

TABLE 8, PART 1: RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS
BY INDUSTRY GROUP

Industry	Inventory / Shipments ratio			
	Dec. 1998(p)	Nov. 1998(r)	Oct. 1998	Sept. 1998
All manufacturing industries.....	1.36	1.38	1.38	1.38
Durable goods industries.....	1.51	1.53	1.54	1.54
Stone, clay, and glass products.....	1.12	1.13	1.13	1.14
Primary Metals.....	1.73	1.74	1.70	1.67
Fabricated Metal Products.....	1.50	1.53	1.54	1.53
Industrial Machinery and equipment.....	1.63	1.66	1.64	1.66
Electronic and other electrical equipment	1.21	1.24	1.26	1.24
Transportation equipment.....	1.58	1.58	1.60	1.62
Instruments and related products.....	1.83	1.84	1.90	1.86

Nondurable goods industries.....	1.15	1.18	1.18	1.16
Food and kindred products.....	0.89	0.90	0.91	0.90
Tobacco products.....	1.57	1.75	1.74	1.64
Textile mill products.....	1.56	1.57	1.57	1.59
Paper and allied products.....	1.21	1.22	1.23	1.22
Chemicals and allied products.....	1.38	1.44	1.45	1.42
Petroleum and coal products.....	0.93	0.99	0.94	0.91
Rubber and plastics products.....	1.25	1.28	1.26	1.25

TABLE 8, PART 2: RATIO OF MANUFACTURERS' UNFILLED ORDERS TO SHIPMENTS
BY INDUSTRY GROUP

Industry	Unfilled Orders / Shipments ratio			
	Dec.	Nov.	Oct.	Sept.
	1998(p)	1998(r)	1998	1998
All manufacturing industries.....	2.61	2.61	2.66	2.70
Durable goods industries.....	3.06	3.06	3.12	3.17
Stone, clay, and glass products.....	0.79	0.79	0.81	0.83
Primary Metals.....	2.09	2.08	2.01	2.05
Fabricated Metal Products.....	1.33	1.35	1.37	1.38
Industrial Machinery and equipment.....	2.10	2.09	2.10	2.17
Electronic and other electrical equipment	1.80	1.83	1.87	1.83
Transportation equipment.....	9.14	8.81	9.09	9.68
Instruments and related products.....	3.27	3.27	3.42	3.39
Nondurable goods industries.....	0.65	0.65	0.65	0.66
Food and kindred products.....	(X)	(X)	(X)	(X)
Tobacco products.....	(X)	(X)	(X)	(X)
Textile mill products.....	(NA)	(NA)	(NA)	(NA)
Paper and allied products.....	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products.....	(X)	(X)	(X)	(X)
Petroleum and coal products.....	(X)	(X)	(X)	(X)
Rubber and plastics products.....	(X)	(X)	(X)	(X)

TABLE 9, PART 1: AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY
PERCENT CHANGES

----Shipments--- --New Orders---
(Based on seasonally adjusted data)

SIC CODE	Industry	Dec.		Dec.	
		Dec.(2) 1997-	Dec.(2) 1997-	Dec.(1) 1993-	Nov. Dec.(1) 1993-
		1998	1997	1998	1998
					1998
	All manufacturing industries	(X)	0.2	0.2	(X) 0.3 0.2
32	Durable goods industries	0.1	0.2	0.3	1.2 0.4 0.3
	Stone, clay, and glass products	(X)	0.3	0.3	(X) 1.1 0.5
33	Primary metals	-0.2	0.7	0.3	0.7 0.7 0.7

34	Fabricated metal products	(X)	0.7	0.3	(X)	0.6	0.4
35	Machinery, except electrical ...	-0.2	0.4	0.3	0.5	0.4	0.3
36	Electronic and other electrical equipment	0.6	0.5	0.5	0.3	0.5	1.1
37	Transportation equipment	-0.5	0.6	0.7	2.9	1.7	0.9
38	Instruments and related products	(X)	0.4	0.5	(X)	1.4	1.2
	Nondurable goods industries	(X)	0.2	0.1	(X)	0.3	0.1
20	Food and kindred products	(X)	0.3	0.1	(X)	(X)	(X)
21	Tobacco products	(X)	0.0	0.0	(X)	(X)	(X)
22	Textile mill products	(X)	0.7	0.4	(X)	(NA)	(NA)
26	Paper and allied products	(X)	0.2	0.2	(X)	(NA)	(NA)
28	Chemicals and allied products ..	(X)	0.2	0.3	(X)	(X)	(X)
29	Petroleum and coal products	(X)	0.6	0.2	(X)	(X)	(X)
30	Rubber and plastics products ...	(X)	0.3	0.1	(X)	(X)	(X)
	Capital Goods Industries:						
	Nondefense.....	0.2	0.3	0.3	2.6	0.7	0.4
	Defense.....	-3.1	1.0	0.6	8.1	8.2	2.2

TABLE 9, PART 2: AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

--Unfilled Orders-- -Inventories--
(Based on seasonally adjusted data)

SIC CODE	Industry	Dec.		Dec.			
		Dec.(2) 1997-	Dec.(1) 1993-	Dec.(2) 1997-	Dec.(1) 1993-		
		1998	1997	1998	1997	1998	
	All manufacturing industries	(X)	0.1	0.1	(X)	0.1	0.0
	Durable goods industries	0.5	0.1	0.1	(X)	0.2	0.1
32	Stone, clay, and glass products	(X)	0.8	0.5	(X)	0.2	0.1
33	Primary metals	0.5	0.3	0.2	(X)	0.2	0.1
34	Fabricated metal products	(X)	0.5	0.2	(X)	0.3	0.1
35	Machinery, except electrical ...	0.3	0.1	0.1	(X)	0.1	0.1
36	Electronic and other electrical equipment	-0.3	0.2	0.5	(X)	0.2	0.2
37	Transportation equipment	0.7	0.3	0.0	(X)	0.6	0.2
38	Instruments and related products	(X)	0.2	0.2	(X)	0.3	0.1
	Nondurable goods industries	(X)	0.3	0.1	(X)	0.1	0.0
20	Food and kindred products	(X)	(X)	(X)	(X)	0.1	0.1
21	Tobacco products	(X)	(X)	(X)	(X)	0.0	0.0
22	Textile mill products	(X)	(NA)	(NA)	(X)	0.4	0.2
26	Paper and allied products	(X)	(NA)	(NA)	(X)	0.2	0.1
28	Chemicals and allied products ..	(X)	(X)	(X)	(X)	0.1	0.1
29	Petroleum and coal products	(X)	(X)	(X)	(X)	0.7	0.4
30	Rubber and plastics products ...	(X)	(X)	(X)	(X)	0.2	0.0

Capital Goods Industries:

Nondefense.....	0.5	0.2	0.1	(X)	0.5	0.1
Defense.....	1.0	0.4	0.1	(X)	0.6	0.2

(X)Not applicable (NA)Not available

Note: The five year and the 12 month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

(1)The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

(2)Average for this month for the last five years.

If you have any questions, write U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Kathy Menth at (301) 457-4804 or Lee Wentela at (301) 457-4832.